

Antenna test report

Customer	Shenzhen Royal Gold Shield Intelligent Technology Co., Ltd.	Frequency Band	2.4G
MobilePhone Type	G2-2.4WIFI	Version	V1.1
Product No.	RT2006-G2-WIFI-V2.0	Issue Date:	2024-7-3
Designed By:		Approved By:	
Customer Approved		Customeraccept No.	

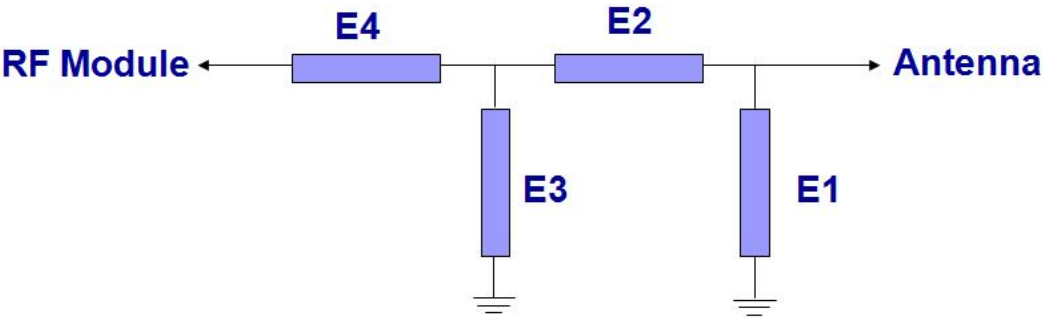
电性测试报告

TEST REPORTS

频率 Frequency	WIFI(2400~2500MHz)
阻抗 Impedance	50 Ohm Nominal
驻波比 V.S.W.R	≤2.0
回波损耗 Return Loss	-10dB Max
辐射 Radiation	Omni-directional
增益 Gain(Peak)	2.05dBi
极化方式 Polarization	Linear,Vertical
功率 Admitted Power	1W
连接器 Connector	1-PEX I
Physical Properties	
天线材质 Antenna Material	同轴线+FPC
线材类型 Cable Type	O.D.1.13mm
工作温度 Operating Temp.	-10-+60℃
存储温度 Storage Temp.	-10-+70℃
线材颜色 Cable Color	Black

匹配电路

Matching Circuits



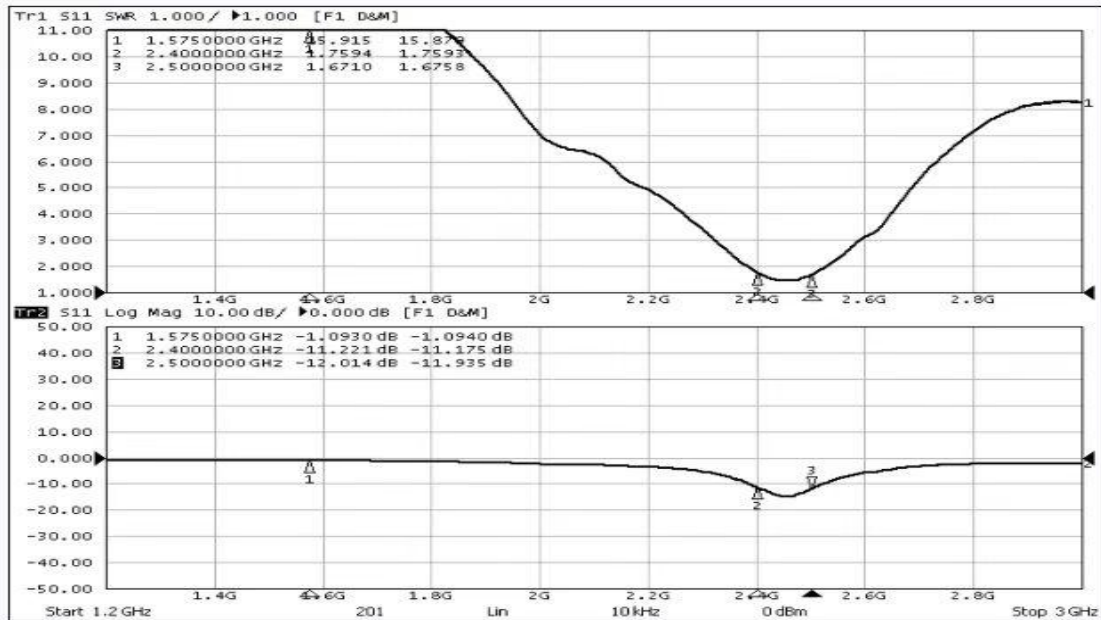
匹配电路

Element	Value	Vender
E1(0402)		
E2(0402)	0Ω	
E3(0402)		
E4(0402)	0Ω	

原匹配电路无修改

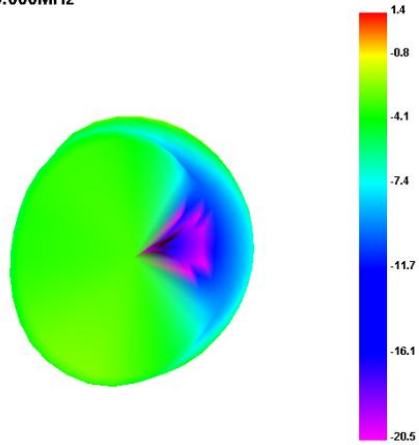
Test Data

Passive Data

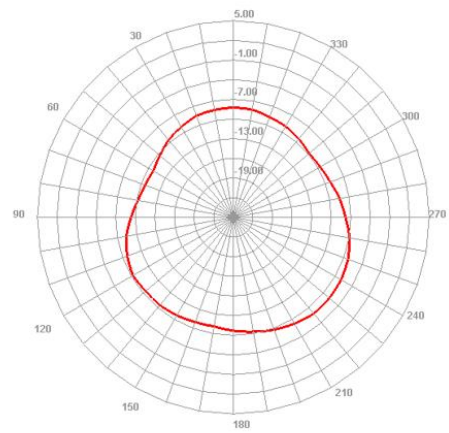


Efficient (2.4G-WIFI/BT 2400-2500MHz)

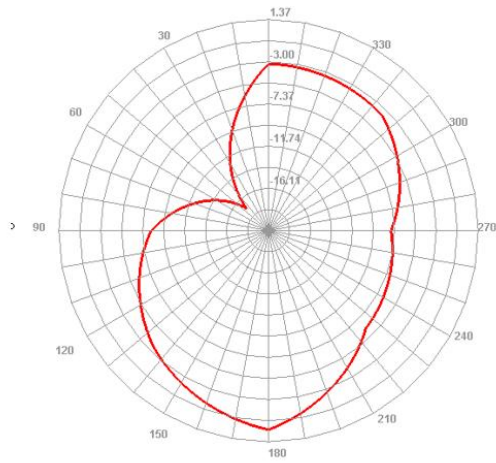
2450.000MHz



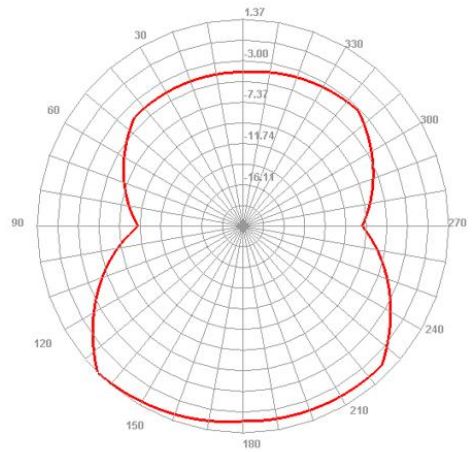
2450.000MHz H



2450.000MHz E1



2450.000MHz E2



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深圳市瑞通电子有限公司
Shenzhen Ruitong Electronics Co., Ltd